
Certificate of Analysis

Pyronin Y Reagent

Catalog # 20-214

Product Description: Gel marker dye used during electrophoresis. Clear dark red solution.

Quantity: 10 μ l of Pyronin Y in distilled water, 10mg/ml concentration.

Storage and Stability: Stable for 1 year from date of shipment. Store at room temperature.

Note: Harmful liquid reagent. Read MSDS before use.

**FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Preparation of 2X Sample Loading Buffer containing Pyronin Y

1. Add 2 μ l of Pyronin Y Reagent to 1ml of 2X Sample Loading Buffer. Prepare protein sample for running on SDS-polyacrylamide gel electrophoresis (SDS-PAGE) as usual.
2. Perform SDS-PAGE on protein sample and transfer to nitrocellulose. The Pyronin Y dye front (pink) will run slightly above any bromophenol blue in your sample buffer, and will also transfer to the nitrocellulose.

NOTE: If desired, the top of membranes may be marked with Pyronin Y as well. Stop electrophoresis when the dye front is one-half to three-quarters of the way down the gel. Apply a small amount of 1X SDS-PAGE sample buffer (containing Pyronin Y) into the lanes, and then resume electrophoresis. Upon transfer, this will result in a pink spot at the top and bottom of each gel lane on the nitrocellulose membrane.